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**JUN 10 2005**

# Fax

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Date: Friday, June 10, 2005  
Total Pages: 22  
Subject: App. No. 10/817,354

Name: Exr. Hoai-An D. Nguyen  
Company: U.S. Patent Office  
Voice Number:  
Fax Number: (703) 872-9306

Note: Attached please find a 21-page response to Patent Office communication sent 10-May-05.

Respectfully,  
Jean Macheledt  
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Appl. No. 10/817,354  
 Response dated 09<sup>th</sup> June 2005  
 Communication in reply to Notice regarding Restriction dated 10-May-05

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Oomman K. Varghese, et  
 al.

Filed: 02 April 2004

Serial No: 10/817,354

Confirm No: 3287

Docket: PSU-100A

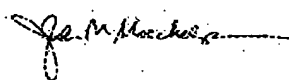
For: Titania Nanotube Arrays for use as  
 Sensors and Method of Producing

Examiner: Hoai-An D. NGUYEN

Group Art: 2858

FACSIMILE TRANSMISSION 21 pages total in this response.

→ Please autoREPLY to FAX No (970) 267-8893  
 I hereby certify under 37 CFR 1.8(a) that a signed original copy  
 of this paper is being sent as authorized by 37 CFR 1.6(d) on the  
 date indicated below via standard telephonic facsimile  
 transmission to: (703) 872-9306  
 ATTN: Examiner Hoai-An D. NGUYEN  
 Amendment/Arguments in response to Office action  
 Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450  
 Date of Transmission: Friday, 10<sup>th</sup> day of June, 2005  
 By: Jean M Macheledt (printed name)  
 signed:



## NON FEE Response to Office Communication mailed 10 May 2005

Mail Stop NON-Fee Response  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

### Authorization to Charge FEES, if determined necessary

Dear Sir:

Applicants need not petition to request an extension of time to respond of <0> month under 37 CFR 1.136(a), permitting the attached response and amendments to be entered, as applicants are within shortened statutory time permitted by the examiner. Thus NO FEE is required under §1.17(a)(1) [1251/2251]. However, in the event it is determined that an additional amount is due as a result of the attached response, any such amount is to be charged to Macheledt Bales LLP deposit account no. 020725. Since the response is being fax-filed, no duplicate copy of this first page is enclosed.

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.52)	39 - 9 = 30	30	0
Independent (37 CFR 1.51)	10 - 2 = 8	8	0

Macheledt Bales & Heidmiller LLP  
 Jean M Macheledt, Reg. No. 33,956  
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 Tel.(970) 218-6798

Appl. No. 10/817,354  
Response dated 09<sup>th</sup> June 2005  
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### **AMENDMENT and RESPONSE**

In response to the Patent Office examiner's Office Action mailed 10 May 2005, please consider the following remarks in the above-captioned case. The undersigned thanks the examiner for his time over the tel. and encourages him to call at a time convenient in the event a conversation might aid moving prosecution further forward and/or result in an examiner's amendment. This response has been formatted in the revised format pursuant to published notification by the Patent Office as best as can be understood. See, MPEP §714 III.

**Amendments to the Specification** are reflected on page 3 for purposes of correcting typographical error(s).

**Amendments to the Claims** are reflected in the full listing of claims (in the new amendment format) which begins on page 5 of this correspondence, made to simply clarify that which applicants' regard as their invention.

**No amendments to the Drawings** are deemed necessary, as no suggestion or objection has been made to so amend.

**Remarks/Arguments** begin on page 17 of this correspondence.